



# SANYO

## Stereo Turntable

## MODEL TP-92S

## SERVICE MANUAL

SANYO ELECTRIC TRADING CO., LTD.

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OSAKA, JAPAN

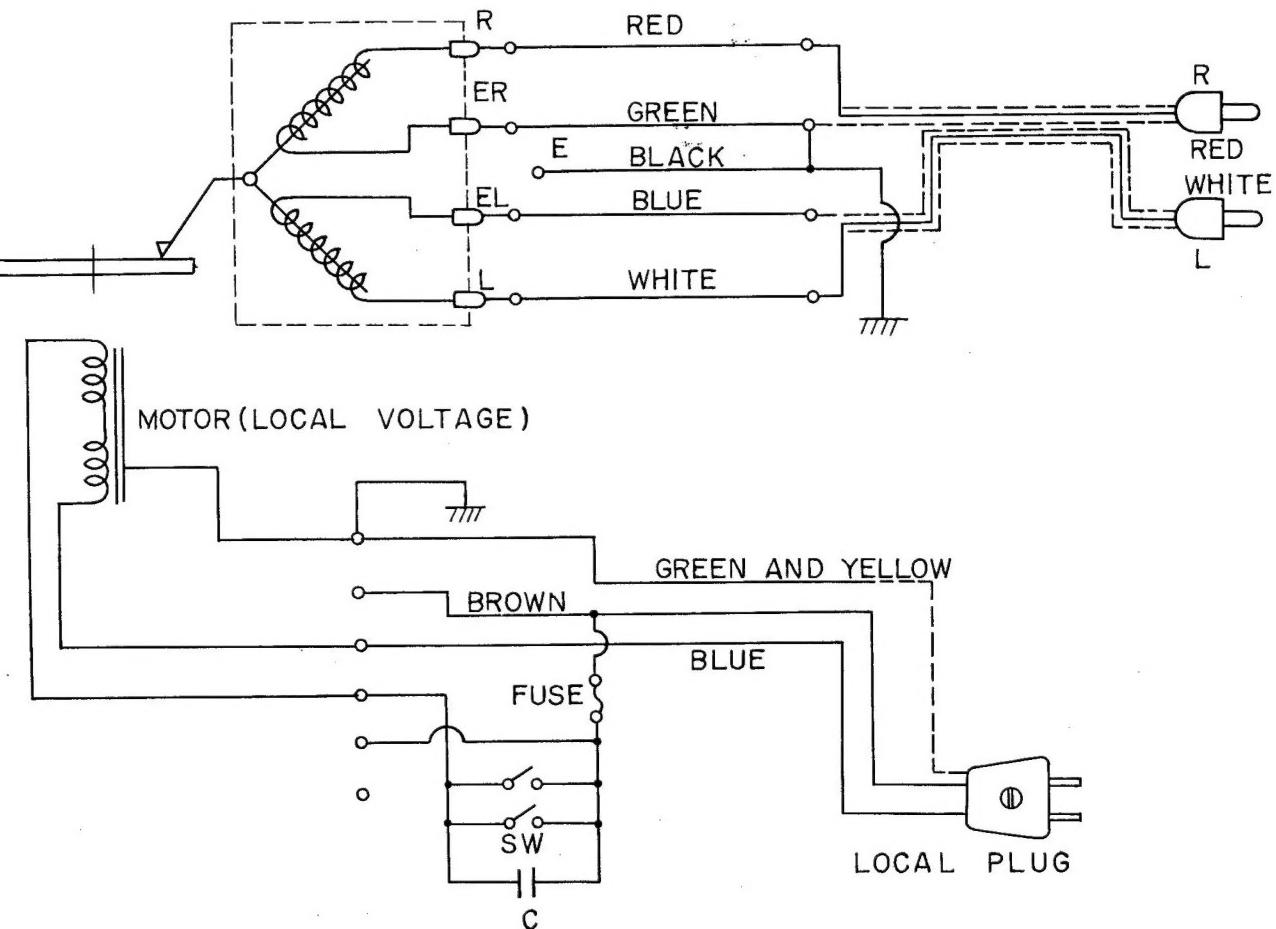


### SPECIFICATIONS

Type ..... 2-speed belt drive with automatic cut off, automatic tonearm return and tonearm lifter.  
Tonearm ..... Static balanced pipe arm, plug-in cartridge shell.  
Cartridge ..... Moving magnet stereo cartridge.  
Stylus ..... Model MG-15.  
Tracking force ..... 0.5 mil diamond stylus. Model ST-15GD  
Motor ..... 3 — 5 grams.  
Motor ..... 4-pole synchronous motor.  
Turntable speeds ..... 33-1/3 and 45 r.p.m.

Turntable ..... 30cm (12 inches) aluminum diecast.  
Output ..... 5mV at 1,000 Hz.  
Frequency response ..... 20 — 20,000 Hz.  
Wow & Flutter ..... Less than 0.1%.  
S/N ..... More than 50 dB.  
Channel separation ..... More than 25 dB at 1,000 Hz.  
Power source ..... A.C. 220 Volts, 50 Hz.  
Dimensions ..... Approx. 470(W) x 354(D) x 190(H)mm  
Weight ..... Approx. 18-1/2(W) x 14(D) x 7-1/2(H) inches.  
Weight ..... Approx. 8Kg (17-1/2 lbs)

### SCHEMATIC DIAGRAM



## PARTS LIST

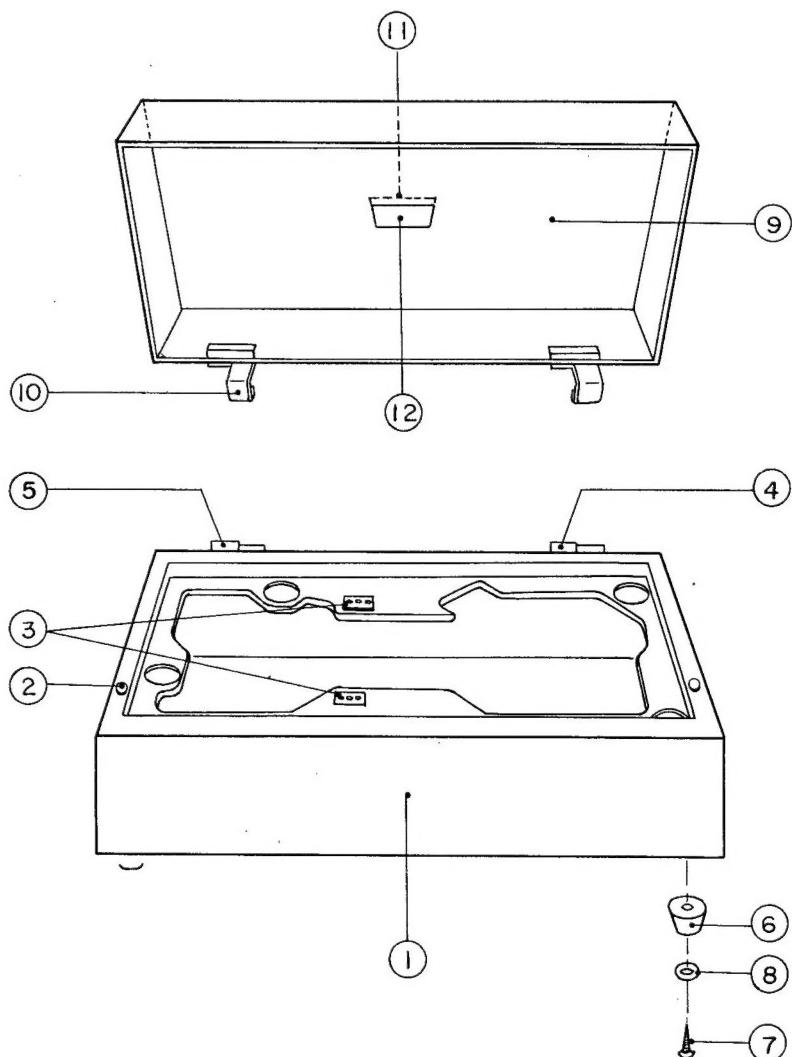
Ref. No.	Part No.	Description	Q'ty
<b>PACKAGE MATERIAL</b>			
131 6 1139 36000	Carton box	1	
131 6 3009 15030	Pad Carton, Dust Cover	1	
131 6 3039 10700	Pad Styro-Foam, Pickup Tail	2	
131 6 3009 15051	Pad Carton, Top	1	
131 6 3009 15040	Pad Carton, Bottom	1	
131 6 3609 10700	Pad Corner Styro-Foam	8	
131 6 2319 15700	Bag Polyethylene, Player	1	
131 6 3069 14501	Paching Paper (500 x 800), Dust Cover	1	
131 6 9119 10100	Cilicagel (50g), Desiccative	1	
131 6 3069 14300	Paching Paper (300 x 550), Dust Cover Bottom	1	
131 6 2519 00201	Bag Polyethylene (320 x 400), Turntable	1	
131 6 2319 15800	Bag Polyethylene (320 x 350), Turntable Sheet	1	
131 6 2719 10300	Bag Fan	1	
131 6 4119 26500	Instruction Booklet	1	
131 6 4159 14700	Notes, Power Supply Voltage	1	

Ref. No.	Part No.	Description	Q'ty
<b>CABINET PARTS</b>			
1	131 2 1101 20700	Cabinet	1
2	131 2 2904 11200	Pad Lid	2
3	131 2 4212 00101	Nut Plate	2
4	131 2 2108 00400	Wood Screw Round Hd. (+) 3.1 x 8	4
5	131 2 2108 00401	Hinge Right	1
6	131 2 1804 10401	Wood Screw Round Hd. 3.1 x 13	3
7		Hinge Left	1
8		Wood Screw Round Hd. (+) 3.1 x 13	3
9	131 2 1107 14100	Leg Rubber	4
10	131 2 2108 00300	Wood Screw Round Hd. (+) 3.1 x 10	4
	131 2 5205 10300	Washer 3.2 x 8 x 0.5t	4
	131 2 4208 13101	Dust Cover	1
11	131 2 1310 13104	Hinge	2
12	131 2 1310 15302	Cushion	2
	131 2 1310 11833	Spacer	2
	131 6 4159 16901	Screw Countersunk Hd. 4 x 10	4
	134 6 4739 10102	Name Plate A, Dust Cover Top	1
	131 6 4159 18100	Name Plate B, Dust Cover inside	1
		Name Plate, Rating Plate	1
		Notes, Turntable	1
		Standard Label, Stylus Type	1
		Notes, Power Supply Voltage	1
		Wood Screw Round Hd. (+) 3.1 x 13, Metal Mount	24

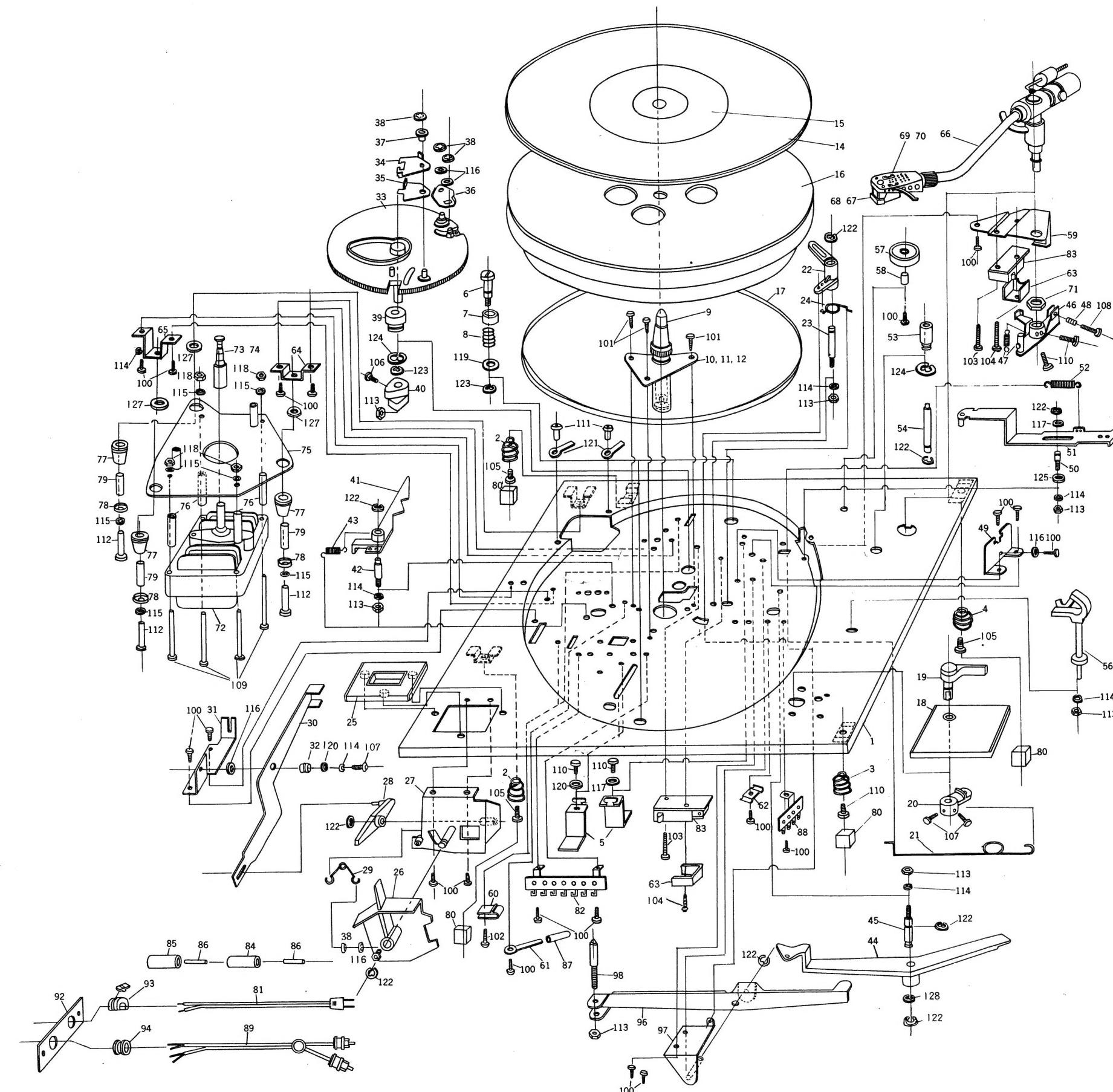
### Notes:

1. Parts orders must contain Model Number, Part Number and Description.
2. Unless otherwise noted, component parts indicated by parentheses in the column Q'ty are not available.
3. Ordering quantity of screws and/or resistors must be multiple of 10 pcs.

## CABINET EXPLODED VIEW



TURNTABLE EXPLODED VIEW



PARTS LIST

Ref. No.	Part No.	Description	Q'ty
TURNTABLE			
1	134 0 6001 12101	Unit Plate Ass'y, Motor Board	1
	134 2 2101 11700	— Unit plate, Motor Board	(1)
134 2 2403 12000	— Angle Mount, Spring Mount	(2)	
134 2 2403 12100	— Angle Mount, Spring Mount	(2)	
134 2 2403 12200	— Angle Mount	(1)	
134 2 4121 10500	— Guide	(1)	
2	134 2 5102 12300	Spring Mounting	2
3	134 2 5102 12400	Spring Mounting	1
4	134 2 5102 12500	Spring Mounting	1
5	134 2 2403 12300	Angle Mount	2
6	134 2 2104 10800	Screw Transit	2
7	134 2 4213 10300	Washer Bowl	2
8	134 2 5101 20000	Spring	2
9	134 0 9002 10300	Spindle Turntable Complete Ass'y	1
	134 0 5002 10200	— Spindle Turntable Ass'y	1
	134 2 6107 10700	— Spindle Turntable	(1)
	134 2 4111 10400	— Gear Turntable	(1)
10	134 0 5010 10500	— Bracket Spindle T.T. Ass'y	1
11		— Washer Polyethylene	1
12		— Washer Felt	1
14	134 2 6102 12701	Mat Turntable	1
15	134 2 6103 10000	Plate Decorate T.T.	1
16	134 2 6101 11000	Turntable	1
17	134 2 6302 10400	Belt	1
18	134 0 1005 10305	Cover Rejector Ass'y	1
	134 2 1210 10605	— Plate Ind. Rejector	(1)
19	134 2 1403 10400	— Cover Rejector	(1)
	134 0 1004 12100	Knob Rejector Ass'y	1
	134 2 1601 12500	— Knob	(1)
	134 2 1608 00100	— Decorate Knob	(1)
20	134 2 4120 14500	Lever, Starter	1
21	134 2 5101 20100	Spring, Starter	1
22	134 2 4120 14600	Lever, Kick	1
23	134 2 4106 15000	Shaft, Kick	1
24	134 2 5101 20200	Spring, Kick	1
25	134 0 1007 00200	Cover Select Ass'y	1
	134 2 1208 10800	— Plate Ind. Speed	(1)
	134 2 1405 00100	— Cover Select	(1)
	134 0 5008 10200	Selector Speed Complete Ass'y	1
26	134 2 1601 12600	— Knob	1
27	134 0 6009 10800	Lever Set Ass'y	1
	134 2 2403 12400	— Angle Mount	(1)
	134 2 4106 15100	— Shaft 16 pin	(1)
	134 2 4106 15200	— Shaft 8 pin	(1)
	134 2 4106 15300	— Shaft, Spring	(1)
28	134 2 4127 10100	Seasaw	1
29	134 2 5101 20300	Spring	1
	134 0 5003 10500	Jockey Arm Ass'y	1
30	134 2 4123 12800	— Arm	1
31	134 2 2403 12500	— Angle Mount	1
32	134 2 4107 00200	— Collar	1
	134 0 6030 11001	Gear Cycling Ass'y	1
33	134 2 4110 10600	— Gear Cycling	(1)
34	134 2 4122 10800	— Trip (A)	(1)
35	134 2 4122 10900	— Trip (B)	(1)
36	134 2 4122 11000	— Trip (C)	(1)
37	134 2 4107 12600	— Collar	(1)
38	134 2 4118 13500	— Circlip	3
39	134 2 4118 13600	Boss	1
40	134 2 4118 13600	Boss	1
41	134 2 4120 14700	Lever, Gear Stopper	1
42	134 2 4106 15400	Shaft, Gear Stopper	1
43	134 2 5101 20400	Spring	1
44	134 2 4123 12900	Arm, Return Arm	1
45	134 2 4106 15500	Shaft, Return Arm	1
	134 0 9902 10100	Plate P.U. Complete Ass'y	1
46	134 0 6022 10400	— Plate P.U. Ass'y	1
	134 2 4108 13500	— Plate	1
	134 0 6022 10500	— Plate P.U. Fix Ass'y	1
	134 2 4108 13600	— Plate	(1)
	134 2 4109 16200	— Pin	(1)
	134 2 4118 13700	— Boss	(1)
47	134 2 5101 20500	— Spring	(1)
48	134 2 5101 20600	— Spring	(1)
49	134 2 4121 10600	Guide	1
50	134 2 4106 15700	Shaft	1

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PARTS LIST

Ref. No.	Part No.	Description	Q'ty	
TURNTABLE				
51	134 0 6035 10800	Arm Return Ass'y	1	
	134 2 4123 13000	— Arm	(1)	
	134 2 4109 16300	— Pin	(1)	
52	134 2 5101 20800	Spring	1	
53	134 2 4118 13800	Boss	1	
54	134 0 6027 10801	Shaft Elevate Ass'y	1	
	134 2 4116 11001	— Spindle Lifting	(1)	
	134 2 1515 10300	— Cap Lifter	(1)	
56	134 0 6031 11100	Arm Rest Ass'y	1	
	134 2 3301 11900	— Arm Rest	(1)	
	134 2 3308 10400	— Holder Pickup	(1)	
57	134 2 2901 10501	Adapter EP	1	
58	134 2 2902 00302	Pin Adapter EP	1	
59	134 2 4108 13800	Plate	1	
60	131 2 3608 11000	Cramp Wire	1	
61	131 2 3608 10200	Cramp Wire	1	
62	131 2 3608 10300	Cramp Wire	1	
63	131 2 1401 10300	Cover	2	
64	134 2 2403 11800	Angle Mount (A)	1	
65	134 2 2403 11900	Angle Mount (B)	1	
66	134 0 4001 02506	Pickup Complete Ass'y	1	
67	4 1579 26382	— Tone Arm Ass'y	1	
68	4 1579 29081	— Cartridge	1	
	4 1579 26382	— Pickup Stylus	1	
	4 1579 29081	— Screw 2.6 x 16	2	
	4 1579 20616	— Nut M2.6	2	
	4 1579 20616	Nut Hex. M12	1	
	4 5289 20301	Synchronous Motor	1	
	70	Pulley	1	
	71	Base Ass'y	1	
	72	4 2379 20301	— Plate	(1)
	73	134 2 6401 11600	— Nut	(2)
	75	134 0 6037 10300	Spacer	4
	76	134 2 4108 13900	Rubber Cushion	3
	77	134 2 5202 00200	Washer Bowl	3
	78	134 2 4213 10000	Spacer	3
	79	134 2 4208 11300	Cushion	4
	80	134 2 5205 10000	Power Cord	1
	81	4 2439 20510	Lug 5P	1
	82	4 2379 20720	Switch Power	2
	83	4 2319 21990	Oil Capacitor 0.047μF 600WV	1
	84		UL Tube 11φ x 12φ x 45L	1
	85		UL Tube 1φ x 2φ x 35L	2
	86		Vinyl Tube 3φ x 4φ x 50L	1
	87		Lug 3P	1
	88	4 2379 20150	Wire Shield Ass'y	1
	89	131 0 4004 11700	Metal Mount	1
	90	131 2 3101 11901	Bushing	1
	91	131 2 6111 11300	Bushing	1
	92	131 2 6111 10300	Arm	1
	93	134 2 4123 13100	Angle Elevate Ass'y	1
	94	134 2 2403 12600	— Angle Mount	(1)
	95	134 2 4106 15800	— Shaft	(1)
	96	134 2 4123 13100	Shaft Elevate Ass'y	1
	97	134 0 6026 10500	— Shaft	(1)
	98	134 0 6027 10900	Index Speed	(1)
	100	Tpg. Screw Pan Hd. (2) 3 x 5	20	
	101	Tpg. Screw Pan Hd. (2) 3 x 8	3	
	102	Tpg. Screw Pan Hd. (2) 3 x 12	1	
	103	Tpg. Screw Pan Hd. (2) 3 x 14	2	
	104	Tpg. Screw Pan Hd. (2) 3 x 16	2	
	105	Tpg. Screw Pan Hd. (2) 3.5 x 8	4	
	106	Screw Pan Hd. 3 x 5	1	
	107	Screw Pan Hd. 3 x 8	3	
	108	Screw Pan Hd. 3 x 12	1	
	109	Screw Pan Hd. 4 x 35	4	
	110	Screw Pan Hd. 4 x 8	4	
	111	Screw Pan Hd. (+)/(-) 4 x 8	2	
	112	Screw Pan Hd. 4 x 25	3	
	113	Nut Hex. (3) M3	7	
	114	Spring Washer M3	7	
	115	Spring Washer M4	7	
	116	Washer 3 x 8 x 0.5t	4	
	117	Washer 4 x 10 x 0.8t	2	
	118	Nut Hex. (3) M4	4	
	119	Washer 6 x 14 x 1t	2	

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